



STIC Search Report

EIC 2800

STIC Database Tracking Number: 10/718511

TO: Jose Dees
Location: JEF-8D59
Art Unit : 2800
Tuesday, December 20, 2005

Case Serial Number: 10/718511

From: Darcy Bates
Location: EIC 2800
JEF- 4B68
Phone: 571-272-2540

darcy.bates@uspto.gov

Search Notes

Re: 10/718,511 US 6,318,171

Attached are search results.

No U. S. litigation was found in searches of Lexis-Nexis and Questel-Orbit databases.

If more searching or explanation is needed, please let me know.

Thanks,

Darcy Bates



Bates, Darcy

From: Dees, Jose
Sent: Friday, December 16, 2005 12:54 PM
To: STIC-EIC2800
Subject: litigation search for

Please do a litigation search for Patent no. 6,318,171. Reissue 10/718511.

Thanks, J Dees

PALM INTRANET

Day : Monday
Date: 12/19/2005
Time: 09:00:42

Continuity Information for 10/718511

Parent Data10718511

1, REI, 09451927, 10718511
is a reissue of 09451927

Child Data

No Child Data

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Search Another: Application# or Patent#
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Day : Monday
 Date: 12/19/2005
 Time: 09:00:46

Application Number InformationApplication Number: **09/451927** AssignmentsFiling or 371(c) Date: **12/01/1999**Effective Date: **12/01/1999**Application Received: **12/01/1999**Patent Number: **6318171**Issue Date: **11/20/2001**Date of Abandonment: **00/00/0000**Attorney Docket Number: **00325/ME:YKO**Status: **150 /PATENTED CASE**Confirmation Number: **9671**Examiner Number: **71616 / PATEL, HARSHAD**Group Art Unit: **2855**Class/Subclass: **073/204.270**Lost Case: **NO**

Interference Number:

Unmatched Petition: **NO**L&R Code: Secrecy Code: **1**Third Level Review: **NO**Secrecy Order: **NO**Oral Hearing: **NO**Status Date: **11/01/2001**Title of Invention: **FLOW RATE SENSOR IMPLEMENTING A PLURALITY OF INNER TUBES LOCATED
WITHIN A SENSOR TUBE**

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
09451927	28M1	05/26/2005	2855	No Charge to Name	NGO,CHAU	JEF/00/C 05

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Patent Search - Number: 6,318,171

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Terms: [patno=6318171](#) ([Edit Search](#) | [Suggest Terms for My Search](#))

451927 (09) 6318171 November 20, 2001

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6318171

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[Link to Claims Section](#)

November 20, 2001

Flow rate sensor implementing a plurality of inner tubes located within a sensor tube

REISSUE: November 20, 2003 - Reissue Application filed Ex. Gp.: 2855; Re. S.N. 10/718,511 (O.G. March 2, 2004)

INVENTOR: Suzuki, Isao - Tokyo, Japan (JP)

APPL-NO: 451927 (09)

FILED-DATE: December 1, 1999

GRANTED-DATE: November 20, 2001

PRIORITY: December 1, 1998 - 10341800, Japan (JP); June 18, 1999 - 11172854, Japan (JP)

ASSIGNEE-AT-ISSUE: MKS Japan, Inc., Tokyo, Japan (JP), 03

ASSIGNEE-AFTER-ISSUE: December 1, 1999 - ASSIGNMENT OF ASSIGNEES INTEREST (SEE DOCUMENT FOR DETAILS)., MKS JAPAN, INC. 1-20-32, MIYAMAE, SUGINAMI-KU TOKYO JAPAN, Reel and Frame Number: 10424/0958

LEGAL-REP: Wenderoth, Lind, and Ponack, L. L.P. - #0

PUB-TYPE: November 20, 2001 - Utility Patent having no previously published pre-grant publication (B1)

PUB-COUNTRY: United States (US)

US-MAIN-CL: 73#204.27

CL: 73

SEARCH-FLD: 073#204.22, 073#204.27, 073#204.15

IPC-MAIN-CL: 7G 01F001#68

PRIM-EXMR: Patel, Harshad

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patno=6318171

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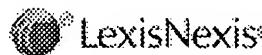
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<u>w/seg</u>	in same segment
<u>not w/seg</u>	not in same segment
<u>w/s</u>	in same sentence
<u>not w/s</u>	not in same sentence
<u>and not</u>	and not

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Search statement 2

Query/Command : prt fu legalall max

1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image
PN - US6318171 B1 20011120 [US6318171]
TI - (B1) Flow rate sensor implementing a plurality of inner tubes located within a sensor tube
PA - (B1) MKS JAPAN INC (US)
PA0 - MKS Japan, Inc., Tokyo [JP]
IN - (B1) SUZUKI ISAO (JP)
AP - US45192799 19991201 [1999US-0451927]
PR - JP34180098 19981201 [1998JP-0341800]
JP17285499 19990618 [1999JP-0172854]
IC - (B1) G01F-001/68
EC - G01F-001/684M
G01F-001/684N
PCL - ORIGINAL (O) : 073204270
DT - Basic
CT - US5285673; US5410912; US5741968; US5792952; US6125695
STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
AB - There is provided a flow rate sensor comprising: a pair of heating resistors operable to heat a sensor tube; a temperature sensor operable to control respective temperatures of the heating resistors; and a case operable to hold the heating resistors and the temperature sensor. The flow rate sensor is adapted to detect a flow rate of a fluid flowing in the sensor tube based on variations of voltages applied to the heating resistors, wherein the variations occur according to the flow rate of the fluid. The flow rate sensor further comprises a voltage applying device operable to arbitrarily set an increase in temperature of each of the heating resistors. The sensor tube has opposite ends thereof thermally connected to the case. The temperature sensor is positioned to be equidistant from the opposite ends of the sensor.
UP - 2001-48

1 / 1 LGST - ©EPO
PN - US6318171 B1 20011120 [US6318171]
AP - US45192799 19991201 [1999US-0451927]
ACT - 19991201 US/AS-A
ASSIGNMENT
OWNER: MKS JAPAN, INC. 1-20-32, MIYAMAE, SUGINAMI-KU TOKY;

12/19/05

US 6,318,171

10/718511

EFFECTIVE DATE: 19991122
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:SUZUKI,
ISAO;REEL/FRAME:010424/0958

20040302 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20031120
UP - 2004-25

1 / 1 CRXX - ©CLAIMS/RRX
AN - 3606048
PN - 6,318,171 A 20011120 [US6318171]
PA - MKS Japan Inc JP
PT - M (Mechanical)
ACT - 20031120 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20040302
REISSUE REQUEST NUMBER: 10/718511
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2855

Reissue Patent Number:

UP - 2004-10
UACT- 2004-03-02

Search statement 2

Query/Command : fam us6318171/pn

1 Patent Groups
** SS 2: Results 2

Search statement 3

Query/Command : famstate nonstop

1 / 2 PLUSPAT - ©QUESTEL-ORBIT - image
PN - JP2000227354 A 20000815 [JP2000227354]
STG - (A) Doc. Laid open to publ. Inspec.
TI - (A) FLOW RATE SENSOR
PA - (A) NIPPON MKS KK
PA0 - (A) NIPPON M K S KK
IN - (A) SUZUKI ISAO
IC - (A) G01F-001/00 G01F-001/68 G01F-015/02 G01P-005/12
AP - JP17285499 19990618 [1999JP-0172854]
PR - JP17285499 19990618 [1999JP-0172854]
JP34180098 19981201 [1998JP-0341800]
UP - 2000-44

2 / 2 *PLUSPAT - ©QUESTEL-ORBIT - image*
PN - US6318171 B1 20011120 [US6318171]
STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
TI - (B1) Flow rate sensor implementing a plurality of inner tubes
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AP - US45192799 19991201 [1999US-0451927]
PR - JP34180098 19981201 [1998JP-0341800]
JP17285499 19990618 [1999JP-0172854]
EC - G01F-001/684M
G01F-001/684N
PCL - ORIGINAL (O) : 073204270
DT - Basic
UP - 2001-48

1 / 1 *LEGALI - ©EPO*
PN - US6318171 B1 20011120 [US6318171]
AP - US45192799 19991201 [1999US-0451927]
ACTE- 19991201 US/AS-A
ASSIGNMENT
OWNER: MKS JAPAN, INC. 1-20-32, MIYAMAE, SUGINAMI-KU TOKY;
EFFECTIVE DATE: 19991122
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:SUZUKI,
ISAO;REEL/FRAME:010424/0958

20040302 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20031120
UP - 2004-25

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<u>or</u>	or
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<u>and not</u>	and not

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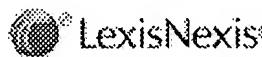
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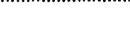
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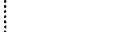
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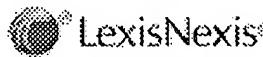
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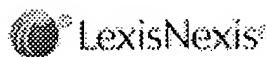
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